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23494 7590 09/23/2004

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<b>Karen Vertz</b>	(Depositor's name)
<i>Karen Vertz</i>	(Signature)
9-29-04	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/674,858	09/30/2003	Jaroslav Hynecsek	TI-36455	6301

TITLE OF INVENTION: CHARGE DETECTION NODE WITH VARIABLE CONVERSION GAIN AND KTC NOISE SUPPRESSION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	12/23/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
LAM, TUAN THIEU	2816	327-077000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- Alan K. Stewart**
- W. James Brady, III**
- Frederick J. Telecky, Jr.**

## 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 1.311. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

**Texas Instruments Incorporated**

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**Dallas, Texas**

09/30/2004 AWONDAF2 00000024 200668 10674858

01 FC:1501 1330.00 DA  
02 FC:1504 300.00 DAPlease check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
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- ☐ A check in the amount of the fee(s) is enclosed.
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- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number **20-0668** (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

*Alan K. Stewart*

Date

9/29/04

Typed or printed name

**Alan K. Stewart**

Registration No.

35,373

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Applicant Jaroslav Hynecsek

Docket Number: TI-36455

Serial No.: 10/674,858

Art Unit: 2816

Filed: 09/30/03

Examiner: Tuan Thieu Lam

For: Charge Detection Node with Variable Conversion Gain and  
KTC Noise Suppression

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile  
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Karen Vertz  
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9-29-04  
Date

FACSIMILE COVER SHEET

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<input type="checkbox"/> CONTINUATION APP'N	<input type="checkbox"/> ELECTION
<input type="checkbox"/> DIVISIONAL APP'N	
NAME OF INVENTOR(S): Jaroslav Hynecsek	
TITLE OF INVENTION: Charge Detection Node with Variable Conversion Gain and KTC Noise Suppression	
TI FILE NO.: TI-36455	DEPOSIT ACCT. NO.: 20-0668
FAXED: 9-29-04 DUE: 12-23-04 ATTY/SECY: AKS/kjv	
RECEIPT DATE & SERIAL NO.: Serial No.: 10/674,858 Filing Date: 09/30/03	

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